In the Abstract:

Rewrite the Abstract as follows:

~~A b s t r a c t~~ ABSTRACT OF THE DISCLOSURE

An electronic compressed air system for vehicles ~~is provided with~~includes a compressed air supply part ~~(4) provided with~~having a compressor, ~~(7) and~~ a compressed air consumer part ~~(6) with~~having ~~a plurality of compressed air~~ load circuits ~~(26, 28, 30, 32, 34, 36, 38), which comprise~~forming an air-suspension circuit, ~~(38)~~ and service-brake circuits ~~(26, 28) provided with~~having ~~compressed air~~ reservoirs ~~(90, 92)~~. The ~~compressed air~~ load circuits are supplied with compressed air via solenoid valves ~~(16, 18, 20, 22, 24)~~. The pressure in the ~~compressed air~~ load circuits is monitored by pressure sensors ~~(72, 74, 76, 78, 80),~~ whose ~~electrical pressure~~ signals are evaluated by an ~~electronic control unit (84)~~ ECU that controls the solenoid valves. The solenoid valve ~~(24)~~ of the air-suspension circuit ~~(38), which is designed without~~does not include ~~compressed air~~ reservoirs~~,~~ and is closed in the de-energized normal state~~;~~. ~~whereas the~~The solenoid valves ~~(16, 18, 20, 22)~~ of other~~the further compressed air~~ load circuits ~~(26, 28, 30, 32, 34, 36)~~, especially of the service-brake circuits ~~(26, 28)~~, are open in the de-energized normal state. ~~In the case of~~With a pressure demand of the air-suspension circuit ~~(38)~~, the associated solenoid valve ~~(24) thereof, by means of data communication,~~ is switched by the ~~electronic control unit (84)~~ECU to open position to establish communication with the compressed air supply part ~~(4)~~ and/or with the service-brake circuits ~~(26, 28)~~ or with the ~~compressed air~~ reservoirs ~~(90, 92)~~ thereof, ~~in order~~ to refill the air-suspension circuit.